Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 03 Jan 2023 until 23:59 on Wednesday 04 Jan 2023

Forecast Issued on Monday 02 Jan 2023 at 13:39

Confidence: High becoming Medium from Thursday.

Headline for Tuesday 03 Jan 2023: Rain, strong winds and poor visibility.

Mountain weather hazards on Tuesday 03 Jan 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Partly cloudy (night)	Light rain	Heavy Rain	Dull	Light rain	Heavy Rain	Heavy Rain
Precipitation probability							
00%	10%	60%	60%	30%	70%	80%	80%

Forecast for Tuesday 03 Jan 2023

Weather: Clear skies at first, but rain developing later in the night. Cloudy and overcast with outbreaks of rain during daylight hours and through the evening. The rain lighter at times around the middle of the day, turning heavy and persistent through the afternoon and evening.

Chance of cloud-free hill tops above 600m: 40%, best chance around the middle of the day.

Low cloud and visibility: Extensive cloud, base 300 to 600m, lower at times. Visibility moderate or poor and very poor at times at height leading to navigational difficulties.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Tuesday 03 Jan 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/27 S	22/34 S	28/40 S	28/40 SW	24/34 SW	28/39 S	31/44 SW	33/46 SW	30/43 SW
300	12/21 S	18/28 S	23/33 S	23/35 S	19/29 SW	22/34 S	25/38 S	23/36 SW	23/36 SW
Valley	6/18 SE	9/26 SE	13/31 S	15/33 S	11/27 S	14/32 S	16/36 S	15/33 SW	16/33 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-5	2/-4	3/-4	4/-2	5/-0	6/0	7/2	8/3	8/3
300	3/-2	3/-2	4/-2	7/2	8/3	8/4	9/5	10/6	10/6
Valley	1/-1	2/-1	4/0	7/3	8/5	9/6	9/6	10/7	10/8
Freezing Level*	600m	900m	1400m	1400m	1500m	1900m	2200m	2300m	2100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Nothing further to add.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Mon 02 Jan 2023	5.8mm	26.2mm	37.6mm

Forecast for Wednesday 04 Jan 2023

Weather: Bright or clear spells and a scattering of showers. Feeling cold in the strong to gale force winds with buffeting.

Maximum wind: West or SW 30 to 35mph gusting 45mph, easing later in the day.

Chance of cloud-free hill tops above 600m: 80%

Low cloud and visibility: Occasional or extensive cloud, base 600 to 900m

Temperature: **Valleys:** Plus 5 to 10 Celsius
At 600m: Plus 3 to 6 Celsius
Freezing level: Above the summits.

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